

Eastern Research Group 601 Keystone Park Drive Suite 700 Morrisville, NC 27560

October 02, 2019

Ms. Doris Chen & Ms. Fran Verhalen
U.S. Environmental Protection Agency - OAQPS
109 T.W. Alexander Drive, Mail Code: C304-06

RTP, NC 27709

Project Name: Chloroprene

Dear Ms. Doris Chen & Ms. Fran Verhalen,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 08/26/19 09:45 through 09/10/19 09:44.

The test results in this report are in compliance with NELAC accreditation requirements for the certified parameters. All analyses were performed as described in the US EPA-approved QAPP, under the contract for UATMP, NATTS, CSATAM, PAMS and NMOC support (US EPA Contract No. EP-D-14-030). This cover page is an integral part of this report, and any exceptions or comments are noted on the last page.

Release of the data contained in this data package and in the data submitted in the electronic data deliverable, has been authorized by the Program Manager, or the Program Manager's designee as verified by the following signature.

The issuance of the final Certificate of Analysis takes precedence over any previous Report. If you have any questions, please contact me at 919-468-7924.

Sincerely,

Julie Swift Program Manager julie.swift@erg.com

The information contained in this report and its attachment(s) are intended only for the use of the individual to whom it is addressed and may contain information that is privileged, confidential, or exempt from disclosure. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this report is strictly prohibited. If you have received this report in error, please notify julie.swift@erg.com and delete the report without retaining any copies.



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

ANALYTICAL REPORT FOR SAMPLES

| <u>SampleName</u> | <u>LabNumber</u> | <u>Matrix</u> | <u>Sampled</u> | Received |
|-------------------------------|------------------|---------------|----------------|----------------|
| Fifth Ward Elementary School | 9082638-01 | Air | 08/21/19 14:36 | 08/26/19 09:45 |
| Levee | 9082638-02 | Air | 08/21/19 14:32 | 08/26/19 09:45 |
| Ochsner Hospital | 9082638-03 | Air | 08/21/19 14:17 | 08/26/19 09:45 |
| 238 Chad Baker | 9082638-04 | Air | 08/21/19 14:40 | 08/26/19 09:45 |
| East St. John the Baptist Hig | 9082638-05 | Air | 08/21/19 14:12 | 08/26/19 09:45 |
| East St. John the Baptist Hig | 9082638-06 | Air | 08/21/19 14:12 | 08/26/19 09:45 |
| Acorn and Hwy 44 | 9082638-07 | Air | 08/21/19 14:29 | 08/26/19 09:45 |
| Acorn and Hwy 44 | 9082902-01 | Air | 08/27/19 14:46 | 08/29/19 09:31 |
| 238 Chad Baker | 9082902-02 | Air | 08/27/19 14:56 | 08/29/19 09:31 |
| East St. John the Baptist Hig | 9082902-03 | Air | 08/27/19 14:31 | 08/29/19 09:31 |
| Fifth Ward Elementary School | 9082902-04 | Air | 08/27/19 14:53 | 08/29/19 09:31 |
| Levee | 9082902-05 | Air | 08/27/19 14:49 | 08/29/19 09:31 |
| Ochsner Hospital C1 | 9082902-06 | Air | 08/27/19 14:37 | 08/29/19 09:31 |
| Ochsner Hospital C2 | 9082902-07 | Air | 08/27/19 14:37 | 08/29/19 09:31 |
| Acorn and Hwy 44 | 9090423-01 | Air | 09/02/19 14:32 | 09/04/19 10:39 |
| Ochsner Hospital | 9090423-02 | Air | 09/02/19 14:27 | 09/04/19 10:39 |
| Levee | 9090423-03 | Air | 09/02/19 14:36 | 09/04/19 10:39 |
| 238 Chad Baker | 9090423-04 | Air | 09/02/19 14:44 | 09/04/19 10:39 |
| East St. John the Baptist Hig | 9090423-05 | Air | 09/02/19 14:23 | 09/04/19 10:39 |
| Fifth Ward Elementary School | 9090423-06 | Air | 09/02/19 14:40 | 09/04/19 10:39 |
| Fifth Ward Elementary School | 9090423-07 | Air | 09/02/19 14:40 | 09/04/19 10:39 |
| 238 Chad Baker | 9091045-01 | Air | 09/08/19 14:39 | 09/10/19 09:44 |
| Acorn and Hwy 44 C1 | 9091045-03 | Air | 09/08/19 14:31 | 09/10/19 09:44 |

Eastern Research Group

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



FILE #: 0344.00

AQS SITE CODE:

SITE CODE:

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

Chloroprene

 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Ochsner Hospital 9091045-04 Air 09/08/19 14:24 09/10/19 09:44 9091045-05 Air 09/08/19 14:34 09/10/19 09:44 Levee Fifth Ward Elementary School 9091045-06 Air 09/08/19 14:36 09/10/19 09:44 East St. John the Baptist Hig 09/08/19 14:20 09/10/19 09:44 9091045-07 Air

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109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

(010) 541 4057 549

Description: Fifth Ward Elementary School **Pressure @ Receipt:** 8.50" Hg

Comments: PR-29 Start 14:00 8/20/19

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

Sampled: 08/21/19 14:36

Received: 08/26/19 09:45 **Analyzed:** 08/30/19 14:26

Air Toxics by EPA Compendium Method TO-15

9082638-01

Results ppbv ug/m³

<u>Flag</u>

Canister #: SAT007

0.00880

0.03

Lab ID:

<u>ppbv</u> 0.00858

<u>MDL</u>



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee
 Lab ID:
 9082638-02
 Sampled: 08/21/19 14:32

 Pressure @ Receipt:
 11.50" Hg
 Canister #:
 5114
 Received:
 08/26/19 09:45

 Comments:
 PR-28 Start 13:56 8/20/19
 Analyzed:
 08/30/19 15:35

Air Toxics by EPA Compendium Method TO-15



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109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Ochsner Hospital
 Lab ID:
 9082638-03
 Sampled: 08/21/19 14:17

 Pressure @ Receipt:
 8.00" Hg
 Canister #:
 A21082
 Received:
 08/26/19 09:45

 Comments:
 PR-18 Start 13:44 8/20/19
 Analyzed:
 08/30/19 16:44

Air Toxics by EPA Compendium Method TO-15

0.00858

Results MDL ppbv ug/m³ Flag ppbv

0.55

0.151

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RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 238 Chad Baker
 Lab ID:
 9082638-04
 Sampled: 08/21/19 14:40

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 SAT137
 Received: 08/26/19 09:45

 Comments:
 PR-27 Start 14:04 8/20/19
 Analyzed: 08/30/19 17:52

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 ppbv
 ug/m³
 Flag
 ppbv

 0.128
 0.46
 0.00858



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 9082638-05
 Sampled: 08/21/19 14:12

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 N4093
 Received: 08/26/19 09:45

 Comments:
 Col 1 PR-24 Start 13:38 8/20/19
 Analyzed: 08/30/19 18:59

Air Toxics by EPA Compendium Method TO-15

0.00858

Results MDL ppbv ug/m³ Flag ppbv

0.07

0.0201

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RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 9082638-06
 Sampled: 08/21/19 14:12

 Pressure @ Receipt:
 9.00" Hg
 Canister #:
 SAT099
 Received:
 08/26/19 09:45

 Comments:
 Col 2 PR-26 Start 13:38 8/20/19
 Analyzed:
 08/30/19 21:15

Air Toxics by EPA Compendium Method TO-15

0.00858

Results MDL ppbv ug/m³ Flag ppbv

0.07

0.0202



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -**Description:** Acorn and Hwy 44

Pressure @ Receipt: 10.00" Hg

Comments: PR-33 Start 13:52 8/20/19

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

> Sampled: 08/21/19 14:29 Received: 08/26/19 09:45

Analyzed: 08/30/19 23:31

Air Toxics by EPA Compendium Method TO-15

9082638-07

Results

MDL

Analyte Chloroprene

ppbv ug/m³ 0.00870 0.03

<u>Flag</u>

Canister #: 5013

Lab ID:

ppbv 0.00858

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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Comments: PR-33 Start 14:14 8/26/19

PHONE: (919) 541-4957 **FAX:** -**Description:** Acorn and Hwy 44

Pressure @ Receipt: 9.50" Hg

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

Lab ID: 9082902-01 Sampled: 08/27/19 14:46 Canister #: SAT042 Received: 08/29/19 09:31 **Analyzed:** 08/31/19 00:40

Air Toxics by EPA Compendium Method TO-15

Results

MDL

ppbv ug/m³ 0.0671

0.24

<u>Flag</u>

ppbv 0.00858

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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Comments: PR-27 Start 14:25 8/26/19

PHONE: (919) 541-4957 **FAX:** -

Description: 238 Chad Baker

Pressure @ Receipt: 9.00" Hg

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 9082902-02
 Sampled: 08/27/19 14:56

 Canister #:
 SAT182
 Received: 08/29/19 09:31

 Analyzed:
 08/31/19 01:48

Air Toxics by EPA Compendium Method TO-15



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Description: East St. John the Baptist High

Comments: PR-24 Start 13:55 8/26/19

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 9.50" Hg

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 9082902-03
 Sampled: 08/27/19 14:31

 Canister #:
 5106
 Received: 08/29/19 09:31

 Analyzed:
 08/31/19 02:57

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Fifth Ward Elementary School
 Lab ID:
 9082902-04
 Sampled: 08/27/19 14:53

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 A21056
 Received: 08/29/19 09:31

 Comments:
 PR-29 Start 14:22 8/26/19
 Analyzed: 08/31/19 04:06

Air Toxics by EPA Compendium Method TO-15



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee
 Lab ID:
 9082902-05
 Sampled: 08/27/19 14:49

 Pressure @ Receipt:
 11.50" Hg
 Canister #:
 5040
 Received:
 08/29/19 09:31

 Comments:
 PR-28 Start 14:18 8/26/19
 Analyzed:
 08/31/19 05:15

Air Toxics by EPA Compendium Method TO-15

<u>Results</u>

<u>MDL</u>

Analyte
Chloroprene

ppbv ug/m³ 0.0119 0.04 <u>Flag</u>

<u>ppbv</u> 0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Comments: Col 1 PR-18 Start 14:02 8/26/19

PHONE: (919) 541-4957 **FAX:** -**Description:** Ochsner Hospital C1

Pressure @ Receipt: 9.00" Hg

SUBMITTED: 08/26/19 to 09/10/19 **AQS SITE CODE:**

> SITE CODE: Chloroprene

REPORTED: 10/02/19 08:22

Lab ID: 9082902-06 Sampled: 08/27/19 14:37

FILE #: 0344.00

Canister #: 5057 Received: 08/29/19 09:31

Analyzed: 08/31/19 06:23

Air Toxics by EPA Compendium Method TO-15

Results ppbv ug/m³

0.36

0.100

<u>Flag</u> D-F

MDL ppbv 0.00858

Analyte Chloroprene

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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Ochsner Hospital C2
 Lab ID:
 9082902-07
 Sampled: 08/27/19 14:37

 Pressure @ Receipt:
 9.00" Hg
 Canister #:
 18837
 Received:
 08/29/19 09:31

 Comments:
 Col 2 PR-26 Start 14:02 8/26/19
 Analyzed:
 08/31/19 08:40

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: Acorn and Hwy 44 Pressure @ Receipt: 10.00" Hg

Comments: PR-33 Start 13:59 9/1/19

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

> **Sampled:** 09/02/19 14:32 Received: 09/04/19 10:39

> > **Analyzed:** 09/10/19 13:51

Air Toxics by EPA Compendium Method TO-15

9090423-01

Results ppbv ug/m³

ND

<u>Flag</u>

Canister #: 5102

MDL ppbv

Analyte

Chloroprene

Lab ID:



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109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: Ochsner Hospital

Pressure @ Receipt: 9.00" Hg

Comments: PR-18 Start 13:52 9/1/19

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 9090423-02
 Sampled: 09/02/19 14:27

 Canister #:
 SAT116
 Received: 09/04/19 10:39

 Analyzed:
 09/10/19 15:00

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

Description: Levee Lab ID: 9090423-03 Sampled: 09/02/19 14:36 Pressure @ Receipt: 11.00" Hg **Canister #:** 5108 Received: 09/04/19 10:39 **Comments:** PR-28 Start 14:02 9/1/19 **Analyzed:** 09/10/19 16:08

Air Toxics by EPA Compendium Method TO-15

Results

0.61

MDL

Analyte ppbv ug/m³ 0.168 Chloroprene

<u>Flag</u>

ppbv 0.00858

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FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 238 Chad Baker
 Lab ID:
 9090423-04
 Sampled: 09/02/19 14:44

 Pressure @ Receipt:
 9.00" Hg
 Canister #:
 5062
 Received:
 09/04/19 10:39

 Comments:
 PR-27 Start 14:10 9/1/19
 Analyzed:
 09/10/19 17:17

Air Toxics by EPA Compendium Method TO-15

Results

MDL ag ppby

 Analyte
 ppbv
 ug/m³
 Flag
 ppbv

 Chloroprene
 0.162
 0.59
 0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 9090423-05
 Sampled: 09/02/19 14:23

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 SAT173
 Received: 09/04/19 10:39

 Comments:
 PR-24 Start 13:48 9/1/19
 Analyzed: 09/10/19 18:26

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

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PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Fifth Ward Elementary School
 Lab ID:
 9090423-06
 Sampled: 09/02/19 14:40

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 A22329
 Received: 09/04/19 10:39

 Comments:
 Col 1 PR-26 Start 14:06 9/1/19
 Analyzed: 09/10/19 19:34

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 Analyte
 ppbv
 ug/m³
 Flag
 ppbv

 Chloroprene
 0.287
 1.04
 0.00858



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

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RTP, NC 27709

Analyte

Chloroprene

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PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Fifth Ward Elementary School
 Lab ID:
 9090423-07
 Sampled: 09/02/19 14:40

 Pressure @ Receipt:
 5.00" Hg
 Canister #:
 5012
 Received: 09/04/19 10:39

 Comments:
 Col 2 PR-29 Start 14:06 9/1/19
 Analyzed: 09/10/19 21:50

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 ppbv
 ug/m³
 Flag
 ppbv

 0.218
 0.79
 0.00858



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

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RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 238 Chad Baker
 Lab ID:
 9091045-01
 Sampled: 09/08/19 14:39

 Pressure @ Receipt:
 9.00" Hg
 Canister #:
 SAT044
 Received:
 09/10/19 09:44

 Comments:
 PR-27 Start 14:07 9/7/19 Vacuum on COC from field should b
 Analyzed:
 09/11/19 04:40

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: Acorn and Hwy 44 C1

Pressure @ Receipt: 10.00" Hg

Comments: Col 1 PR-33 Start 13:58 9/7/19

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

> Sampled: 09/08/19 14:31 **Received:** 09/10/19 09:44

Analyzed: 09/11/19 08:37

Air Toxics by EPA Compendium Method TO-15

9091045-03

Results ppbv ug/m³

1.15

4.17

<u>Flag</u>

Lab ID:

Canister #: A21078

ppbv 0.00858

MDL



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Ochsner Hospital
 Lab ID:
 9091045-04
 Sampled: 09/08/19 14:24

 Pressure @ Receipt:
 10.00" Hg
 Canister #:
 A21067
 Received:
 09/10/19 09:44

 Comments:
 PR-18 Start 13:49 9/7/19
 Analyzed:
 09/11/19 00:06

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

Description: Levee Lab ID: 9091045-05 Sampled: 09/08/19 14:34 Canister #: A21094 Pressure @ Receipt: 11.00" Hg **Received:** 09/10/19 09:44 **Comments:** PR-28 Start 14:01 9/7/19 **Analyzed:** 09/11/19 01:15

Air Toxics by EPA Compendium Method TO-15

Results

MDL <u>Flag</u>

Analyte Chloroprene

ppbv ug/m³ 0.0295

0.11

ppbv 0.00858



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Description: Fifth Ward Elementary School

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 9.00" Hg

Comments: PR-29 Start 14:04 9/7/19

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

> Sampled: 09/08/19 14:36 **Received:** 09/10/19 09:44

> > **Analyzed:** 09/11/19 02:23

Air Toxics by EPA Compendium Method TO-15

9091045-06

Results ppbv ug/m³

MDL <u>Flag</u>

Canister #: 19340

0.00920

0.03

Lab ID:

ppbv 0.00858



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 9091045-07
 Sampled: 09/08/19 14:20

 Pressure @ Receipt:
 10.00" Hg
 Canister #:
 5075
 Received: 09/10/19 09:44

 Comments:
 PR-24 Start 13:45 9/7/19
 Analyzed: 09/11/19 03:32

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

| Analyte | Result | Units | Source Result | RPD | RPD Limit | Notes |
|--|--------------------|----------------|---------------------|--------------------|--------------|-------|
| Air Toxics by EPA Compendiun Batch B9H3007 - Summa Canister | | - Quality Cont | trol | | | |
| Blank (B9H3007-BLK1) | - | | Prepared & Analyzed | d: 08/30/19 | | |
| Chloroprene | ND | ppbv | · | | | U |
| Duplicate (B9H3007-DUP1) | Source: | 9082638-05 | Prepared: 08/21/19 | Analyzed: 08/30/19 | | |
| Chloroprene | 0.0213 | ppbv | 0.02 | 5.80 | 25 | |
| Duplicate (B9H3007-DUP2) | Source: | 9082638-06 | Prepared: 08/21/19 | Analyzed: 08/30/19 | | |
| Chloroprene | 0.0208 | ppbv | 0.02 | 2.93 | 25 | |
| Duplicate (B9H3007-DUP3) | Source: | 9082902-06 | Prepared: 08/27/19 | Analyzed: 08/31/19 | | |
| Chloroprene | 0.0997 | ppbv | 0.10 | 0.600 | 25 | |
| Duplicate (B9H3007-DUP4) | Source: | 9082902-07 | Prepared: 08/27/19 | Analyzed: 08/31/19 | | |
| Chloroprene | 0.201 | ppbv | 0.19 | 3.44 | 25 | |
| Batch B9I1014 - Summa Canister | Prep | | | | | |
| Blank (B9I1014-BLK1) | | | Prepared & Analyzed | d: 09/10/19 | | |
| Chloroprene | ND | ppbv | · | | | U |
| Duplicate (B9I1014-DUP1) | Source: 9090423-06 | | Prepared: 09/02/19 | Analyzed: 09/10/19 | | |
| Chloroprene | 0.271 | ppbv | 0.29 | 5.63 | 25 | |
| Duplicate (B9I1014-DUP2) | Source: | 9090423-07 | Prepared: 09/02/19 | Analyzed: 09/10/19 | | |
| Chloroprene | 0.214 | ppbv | 0.22 | 1.80 | 25 | |
| Duplicate (B9I1014-DUP4) | Source: | 9091045-03 | Prepared: 09/08/19 | Analyzed: 09/11/19 | | |
| Chloroprene | 1.11 | ppbv | 1.15 | 3.53 | 25 | |
| | | | | | | |

Eastern Research Group

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 10/02/19 08:22

SUBMITTED: 08/26/19 to 09/10/19

AQS SITE CODE:

SITE CODE: Chloroprene

| Analyte | Result | Units | % Difference | Limit (%) | Notes | | |
|--|-----------------------|-------------------------------|--------------|-----------|-------|--|--|
| Air Toxics by EPA Compose Sequence 1908085 | endium Method TO-15 - | Quality Cor | ntrol | | | | |
| Calibration Check (19080 | 85-CCV1) | Prepared & Analyzed: 08/30/19 | | | | | |
| Chloroprene | 2.57 | ppbv | 3.7 | 30.00 | | | |

Sequence 1909017

Calibration Check (1909017-CCV1) Prepared & Analyzed: 09/10/19 Chloroprene 2.56 ppbv 3.4 30.00

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U.S. Environmental Protection Agency - OAQPS FILE #: 0344.00

109 T.W. Alexander Drive, Mail Code: C304-C REPORTED: 10/02/19 08:22

RTP, NC 27709 SUBMITTED: 08/26/19 to 09/10/19

ATTN: Ms. Doris Chen & Ms. Fran Verhalen AQS SITE CODE:

PHONE: (919) 541-4957 **FAX:** - **SITE CODE:** Chloroprene

Notes and Definitions

U Under Detection Limit
ND Analyte NOT DETECTED

NR Not Reported

MDL Method Detection Limit

RPD Relative Percent Difference

D-F Duplicate exceeds DQO criteria

Note: The test results meet all requirements of NELAC; however the following analytes are not accredited: 1,2,4-trimethylbenzene, 1,2-dibromoethane, 1,2-dichloropropane, 1,3,5-trimethylbenzene, 1,3-butadiene, acetylene, acrolein, bromochloromethane, bromodichloromethane bromoform, carbon disulfide, dibromochloromethane, dichlorodifluoromethane, dichlorotetrafluoroethane, ethyl tert butyl ether, ethylene oxide, hexachloro-1,3-butadiene, n-octane, propylene, tert amyl methyl ether, tetrachloroethylene, trans-1,2-dichloroethylene, trichlorofluoromethane, and trichlorotrufluoroethane.